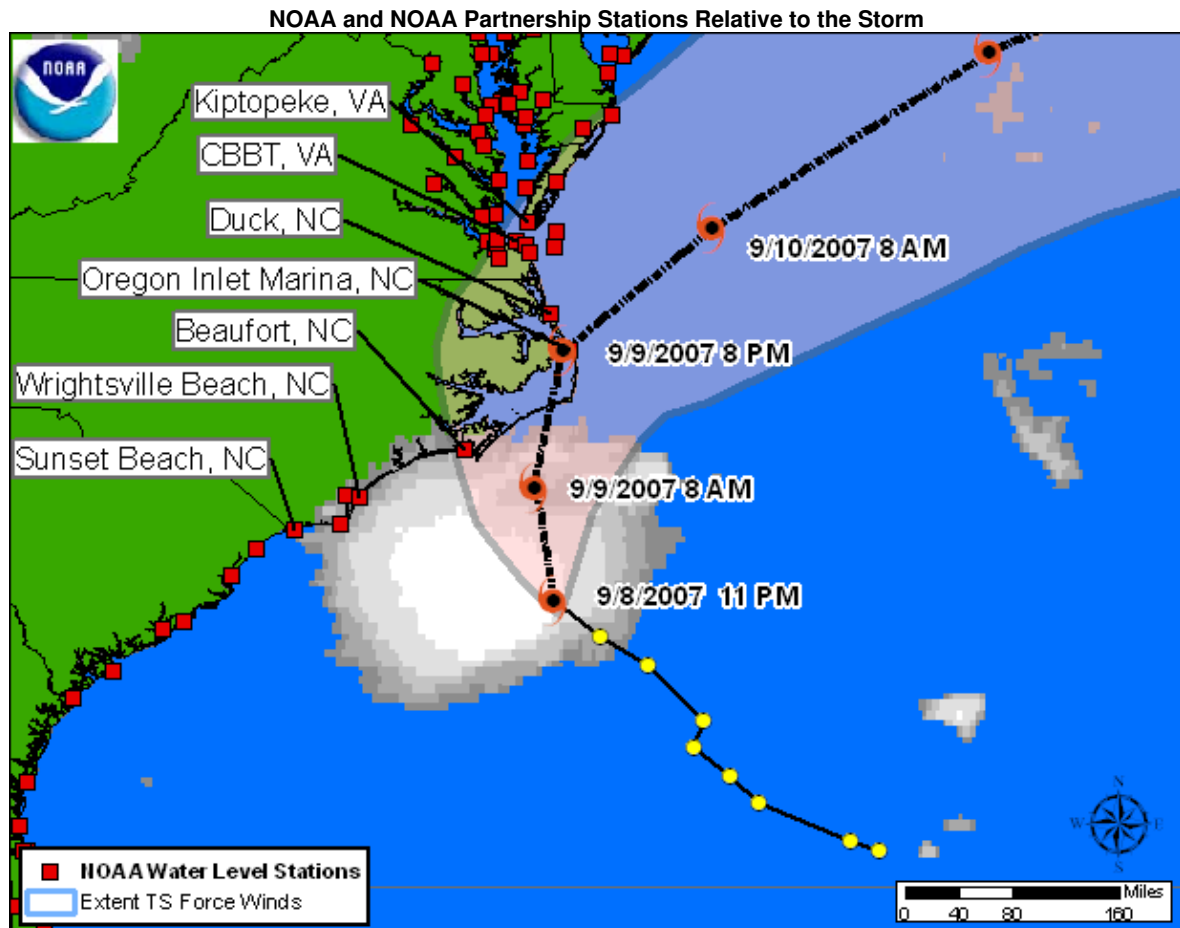




Tropical Storm GABRIELLE QUICKLOOK
Posted: 00:00 EDT 09/09/2007



Storm Analysis

Water level and meteorological plots below are updated automatically.

As of 9/9/2007 0000 EDT water levels along North Carolina coast and at the mouth of the Chesapeake Bay remain near or at predicted.

Next high tide predictions

Sunset Beach, NC: 0640 EDT 5.0 ft (1.5 m)
Beaufort, NC: 0709 EDT 3.2 ft (0.98 m)
Wrightsville Beach, NC: 0624 EDT 4.1 ft (1.2 m)
Oregon Inlet Marina, NC: 0709 EDT 1.2 ft (0.36 m)
Duck, NC: 0643 EDT 3.4 ft (1.0 m)
CBBT, VA: 0739 EDT 2.8 ft (0.85 m)
Kiptopeke, VA: 0802 EDT 2.8 ft (0.85 m)

For more data, please see the [CO-OPS Tides & Currents page](#).

For information about this product, please see the [Storm QuickLook homepage](#).

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

...GABRIELLE BECOMES TROPICAL...STILL FORECAST TO STRENGTHEN AS IT APPROACHES NORTH CAROLINA...

AT 11 PM EDT...0300 UTC...A TROPICAL STORM WARNING IS IN EFFECT FOR THE ATLANTIC COAST OF VIRGINIA FROM THE NORTH CAROLINA/VIRGINIA BORDER TO CAPE CHARLES LIGHT. A TROPICAL STORM WARNING IS NOW IN EFFECT FROM SURF CITY NORTH CAROLINA NORTHWARD TO CAPE CHARLES LIGHT VIRGINIA...INCLUDING THE PAMLICO AND ALBEMARLE SOUNDS.

A TROPICAL STORM WATCH REMAINS IN EFFECT IN SOUTHEASTERN VIRGINIA FOR THE LOWER CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT.

AT 1100 PM EDT...0300Z...THE CENTER OF TROPICAL STORM GABRIELLE WAS LOCATED ABOUT 115 MILES...185 KM...SOUTH-SOUTHEAST OF CAPE LOOKOUT NORTH CAROLINA.

MAXIMUM SUSTAINED WINDS ARE NEAR 40 MPH...65 KM/HR...WITH HIGHER GUSTS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES...165 KM FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1008 MB...29.77 INCHES.

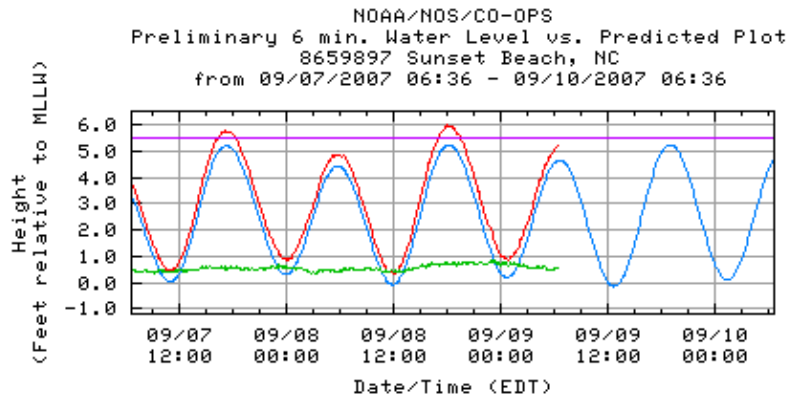
COASTAL STORM SURGE FLOODING OF 2 TO 3 FEET IS POSSIBLE WITHIN THE WARNING AREA AS GABRIELLE PASSES NEAR OR OVER THE COAST.

Water level analyst:LH

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Sunset Beach - Water Level](#), [Beaufort - Water Level](#), [Wrightsville Beach - Water Level](#), [Wrightsville Beach - Winds](#), [Wrightsville Beach - Barometric](#), [Oregon Inlet Marina - Water Level](#), [Duck - Water Level](#), [Duck - Barometric](#), [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#), [Kiptopeke - Water Level](#).

Sunset Beach, NC - Station Map [Return to List](#)

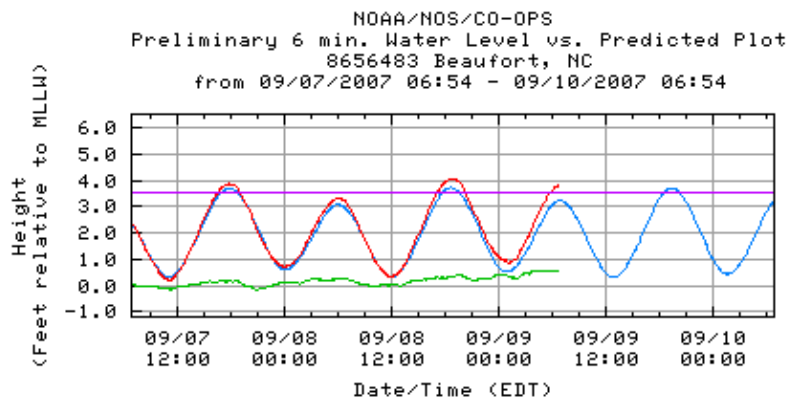


Last Observed Sample: 09/09/2007 06:24 (EDT)

Relative to **MLLW**: **Observed: 5.21 ft. Predicted: 4.65 ft. Residual: 0.56 ft.**

Historical Maximum Water Level: n/a

Beaufort, NC - Station Map [Return to List](#)

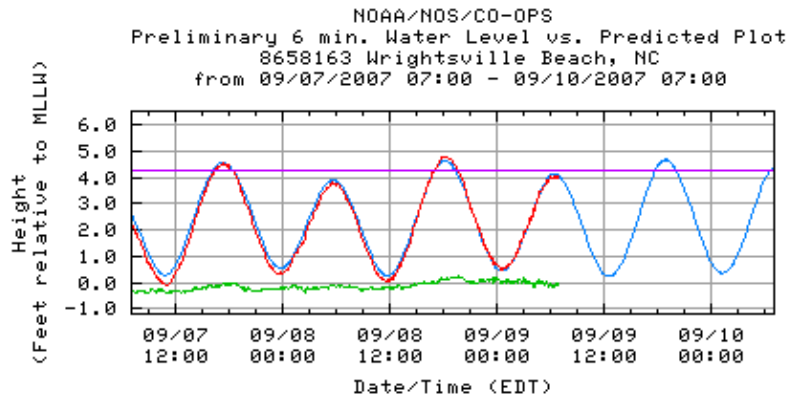


Last Observed Sample: 09/09/2007 06:42 (EDT)

Relative to **MLLW**: **Observed: 3.82 ft. Predicted: 3.23 ft. Residual: 0.59 ft.**

Historical Maximum Water Level: 09/16/1999, 2.74 ft. above **MHHW**

Wrightsville Beach, NC - Station Map [Return to List](#)

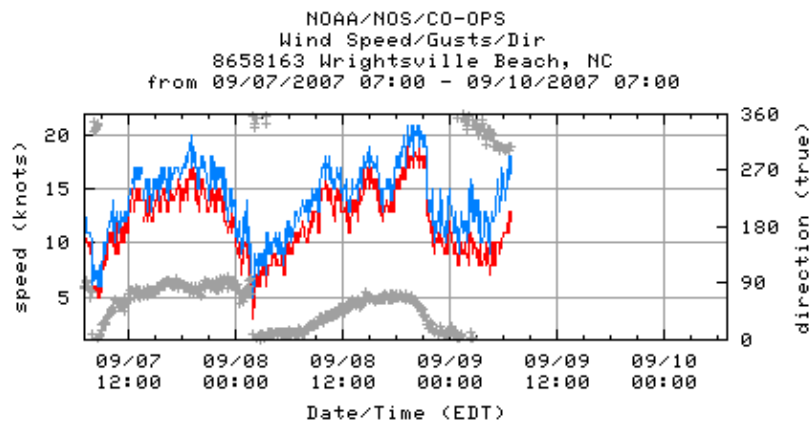


Last Observed Sample: 09/09/2007 06:48 (EDT)

Relative to **MLLW**: **Observed: 4.01 ft. Predicted: 4.09 ft. Residual: -0.08 ft.**

Historical Maximum Water Level: n/a

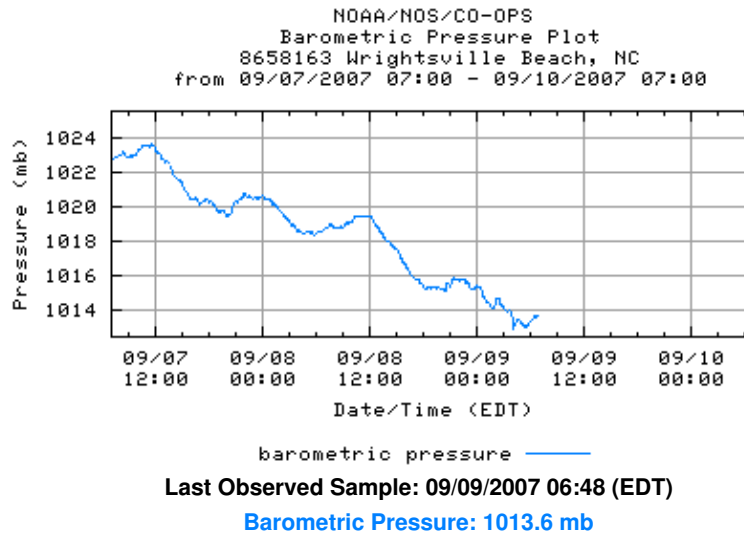
Wrightsville Beach, NC - Station Map [Return to List](#)



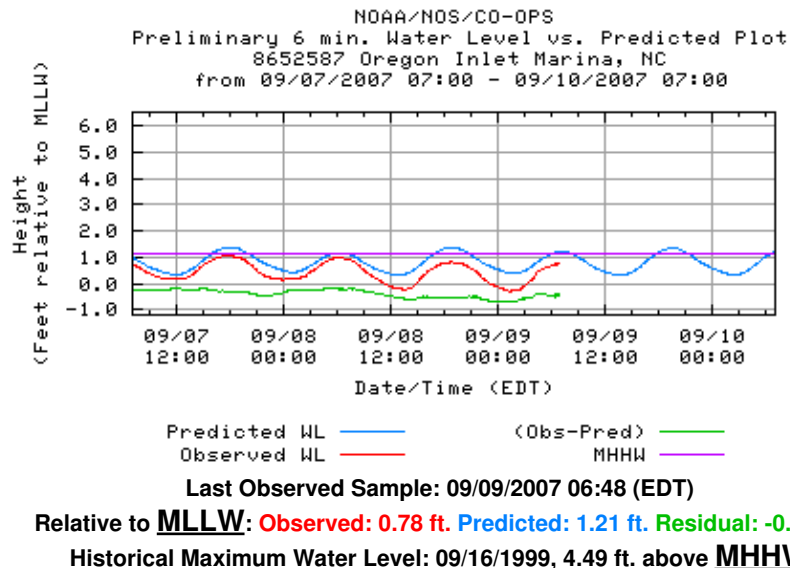
Last Observed Sample: 09/09/2007 06:48 (EDT)

Wind Speed: 13 knots Gusts: 18 knots Direction: 309° T

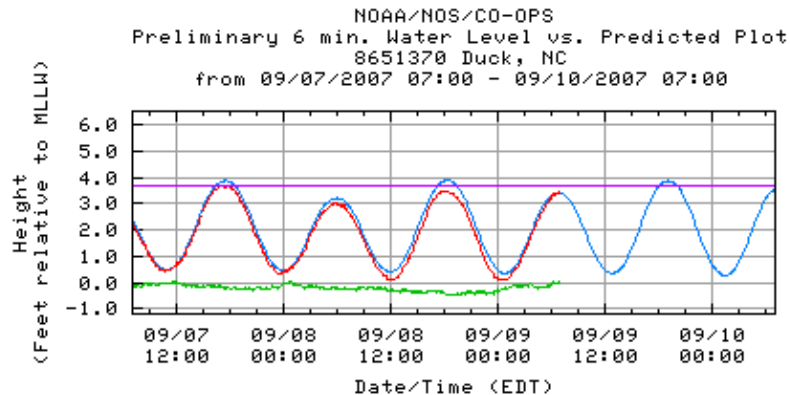
Wrightsville Beach, NC - Station Map [Return to List](#)



Oregon Inlet Marina, NC - Station Map [Return to List](#)



Duck, NC - Station Map [Return to List](#)

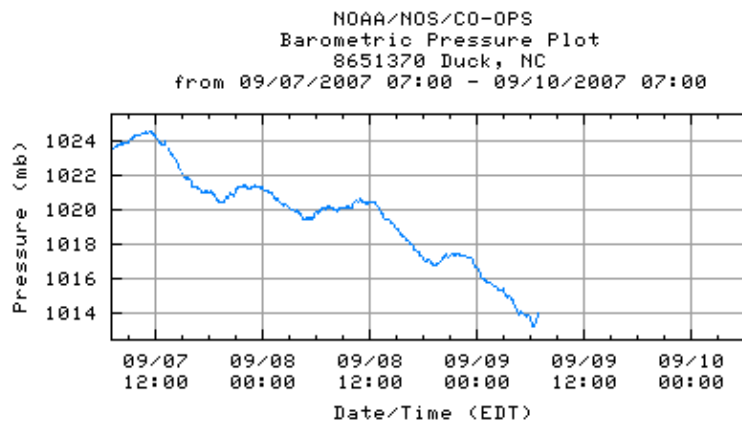


Last Observed Sample: 09/09/2007 06:48 (EDT)

Relative to **MLLW**: **Observed: 3.45 ft. Predicted: 3.41 ft. Residual: 0.04 ft.**

Historical Maximum Water Level: 08/30/1999, 3.23 ft. above **MHHW**

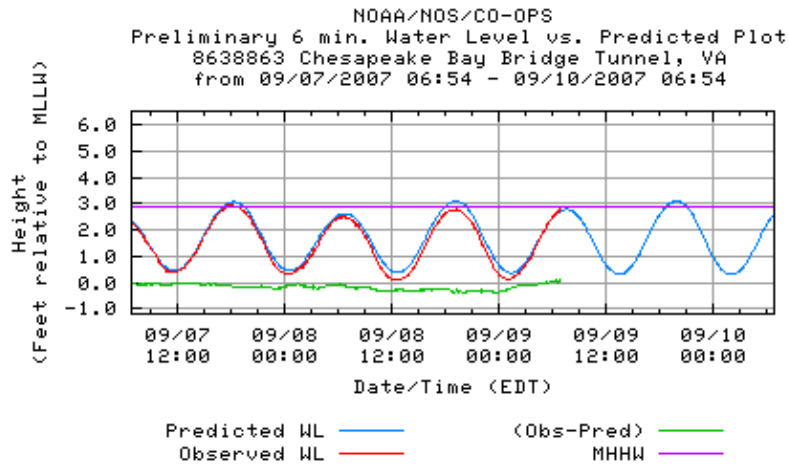
Duck, NC - Station Map [Return to List](#)



Last Observed Sample: 09/09/2007 06:48 (EDT)

Barometric Pressure: 1014.0 mb

Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)

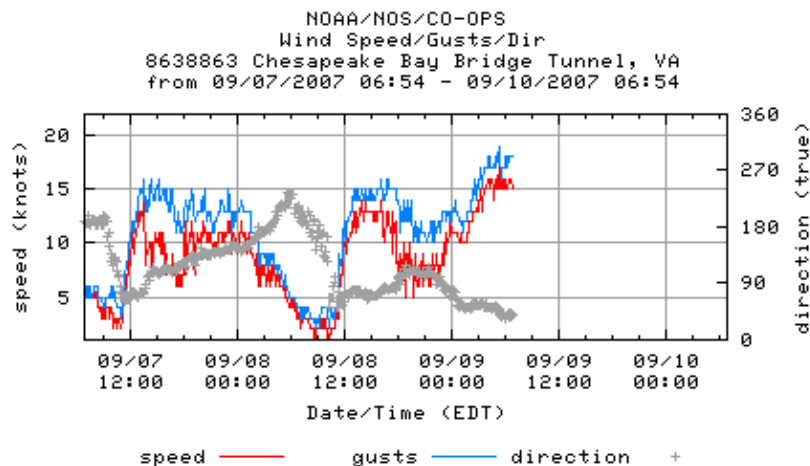


Last Observed Sample: 09/09/2007 06:48 (EDT)

Relative to **MLLW**: **Observed: 2.81 ft. Predicted: 2.68 ft. Residual: 0.13 ft.**

Historical Maximum Water Level: 02/05/1998, 3.68 ft. above **MHHW**

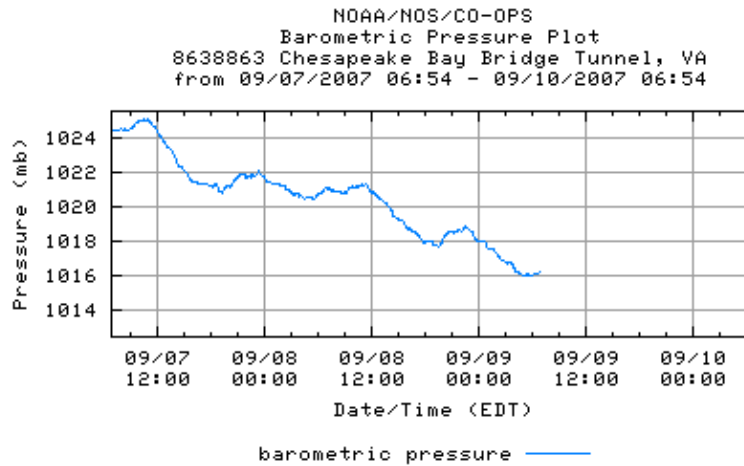
Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)



Last Observed Sample: 09/09/2007 06:48 (EDT)

Wind Speed: 15 knots Gusts: 18 knots Direction: 041° T

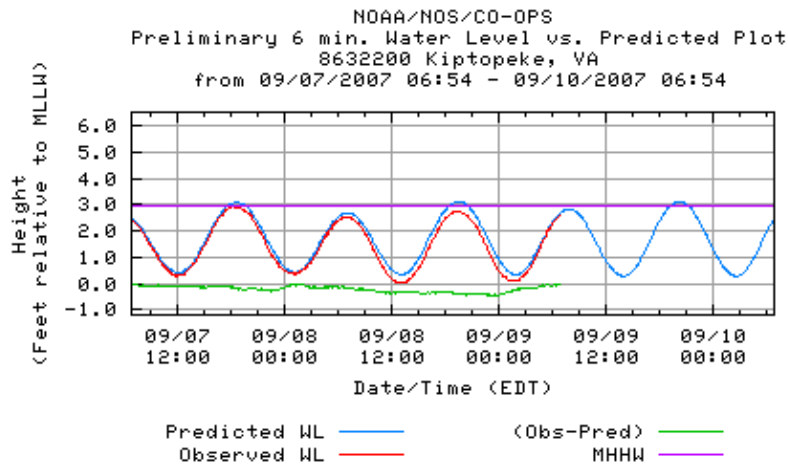
Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)



Last Observed Sample: 09/09/2007 06:48 (EDT)

Barometric Pressure: 1016.2 mb

Kiptopeke, VA - Station Map [Return to List](#)



Last Observed Sample: 09/09/2007 06:48 (EDT)

Relative to **MLLW**: Observed: 2.58 ft. Predicted: 2.64 ft. Residual: -0.06 ft.

Historical Maximum Water Level: 03/08/1962, 4.13 ft. above **MHHW**

Tropical Storm GABRIELLE QUICKLOOK, POSTED 00:00 EDT 09/09/2007

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce